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JAN 21 2011

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

AKG 31 5003	015
PERMIT NUMBER	DISHARGE NUMBER

DMR Mailing Zip Code: 99611

MAJOR
(SUBR 02)PRODUCED WATER AND SAND
External Outfall

NAME: XTO ENERGY, INC

ADDRESS: 52260 WIK RD

KENAI, AK 99611

FACILITY: EAST FORELAND

LOCATION: 52260 WIK ROAD, KENAI AK 99611

ATTN: Ryan Tunseth, EHS&T Coordinator

DEC
Division of Water Quality
Wastewater Discharge Program

MONITORING PERIOD

FROM	YEAR	MONTH	DAY
	2010	12	1
	(20-21)	(22-23)	(24-25)

TO	YEAR	MONTH	DAY
	2010	12	31
	(26-27)	(28-29)	(30-31)

No Discharge ☐

PARAMETER (32-37)	FLOW	Sample Measurement	QUANTITY OR LOADING (46-53)			QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)			NO EX. (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
			Average (54-61)	Maximum (46-53)	Units (46-53)	Minimum (38-45)	Average (46-53)	Maximum (54-61)			
015 - Produced Water	FLOW	Sample Measurement	0.179602703	0.204666	MGD	***	***	***	0	Weekly	Estimate
		Permit Requirement	***	***	***	***	***	***	***	Weekly	Estimate
015 - Produced Water PRODUCED SAND		Sample Measurement	***	***	***	No discharge	No discharge	No discharge	0	***	***
		Permit Requirement	***	***	***	No discharge	No discharge	No discharge	***	***	***
015 - Produced Water OIL & GREASE		Sample Measurement	***	***	***	***	8.675	10	0	Weekly	Grab
		Permit Requirement	***	***	***	***	29	42	***	Weekly	Grab
015 - Produced Water pH		Sample Measurement	***	***	***	6.4	***	7.26	0	Weekly	Grab
		Permit Requirement	***	***	***	6	***	9	***	Weekly	Grab
015 - Produced Water TAH		Sample Measurement	***	***	***	***	14.09	14.09	0	Monthly	Grab
		Permit Requirement	***	***	***	***	24	32	***	Monthly	Grab
015 - Produced Water TAqH		Sample Measurement	***	***	***	***	14.205	14.205	0	Monthly	Grab
		Permit Requirement	***	***	***	***	Report	Report	***	Monthly	Grab
015 - Produced Water TOTAL AMMONIA		Sample Measurement	***	***	***	5.1	5.1	5.1	0	Quarterly	Grab
		Permit Requirement	***	***	***	Report	***	Report	***	Quarterly	Grab
NAME TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.						Telephone		Date (YR/MO/DAY)		
Ryan Tunseth HSE&T Coordinator							Signature		907 776-2510		1/19/2011
COMMENTS & EXPLANATION OF ANY VIOLATIONS: WET Testing sampling frequency is reduced to once/6 months [Section II.G.6.a - Permit # AKG-31-5000] 2nd Period 2010 WET tests & Annual Rescreening [Section III.A.2.- Permit # AKG-31-5000] were taken in August-2010. The results were submitted with the August 2010 DMR. No toxicity was observed in any of the samples. Additionally, the sampling frequency for Copper, Manganese, Silver, Total Mercury, and Zinc is reduced in frequency from monthly to quarterly [Section II.G.6.a - Permit # AKG-31-5000] 4th Quarter 2010 sample results are shown.											

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No Discharge ☐

PARAMETER (32-37)		QUANTITY OR LOADING (46-53)			QUALITY OR CONCENTRATION (38-45)				NO EX. (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		Average (54-61)	Maximum	Units	Minimum (46-53)	Average (54-61)	Maximum	Units			
015 - Produced Water COPPER	Sample Measurement	***	***	***	***	7.1	7.1	ug/l	0	Quarterly	Grab
	Permit Requirement	***	***	***	***	60	90	ug/l	***	Quarterly	Grab
015 - Produced Water MERCURY	Sample Measurement	***	***	***	***	0.00	0	ug/l	0	Quarterly	Grab
	Permit Requirement	***	***	***	***	0.5	0.8	ug/l	***	Quarterly	Grab
015 - Produced Water MANGANESE	Sample Measurement	***	***	***	***	1.99	1.99	mg/l	0	Quarterly	Grab
	Permit Requirement	***	***	***	***	7.9	15.8	mg/l	***	Quarterly	Grab
015 - Produced Water SILVER	Sample Measurement	***	***	***	***	5.20	5.2	ug/l	0	Quarterly	Grab
	Permit Requirement	***	***	***	***	46	149	ug/l	***	Quarterly	Grab
015 - Produced Water ZINC	Sample Measurement	***	***	***	***	0.0902	0.0902	mg/l	0	Quarterly	Grab
	Permit Requirement	***	***	***	***	3.1	6.1	mg/l	***	Quarterly	Grab
015 - Produced Water WET - <i>Mytilus galloprovincialis</i> (invertebrate)	Sample Measurement	***	***	***	***	< 625	< 625	TUc	0	Semi Annual	Grab
	Permit Requirement	***	***	***	***	1209	2425	TUc	***	Semi Annual	Grab
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		Average (54-61)	Maximum	Units	Minimum (38-45)	Average (46-53)	Maximum (54-61)	Units			
015 - Produced Water WET - <i>Menidia beryllina</i> (vertebrate)	Sample Measurement	***	***	***	***	< 625	< 625	TUc	0	Semi Annual	Grab
	Permit Requirement	***	***		***	1209	2425		***	Semi Annual	Grab
015 - Produced Water WET - <i>Echinoderm</i>	Sample Measurement	***	***	***	***	< 625	< 625	TUc	0	Semi Annual	Grab
	Permit Requirement	***	***		***	1209	2425		***	Semi Annual	Grab
015 - Produced Water	Sample Measurement										
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